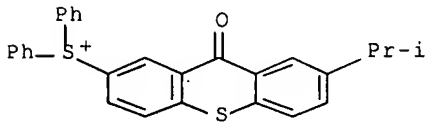
L33 ANSWER 28 OF 63 HCAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1997:204639 HCAPLUS Full-text
DOCUMENT NUMBER: 126:186932
TITLE: Energy ray-curable compositions and their cured products with excellent dimensional precision
INVENTOR(S): Abe, Tetsuya; Yoshioka, Ritsuko; Yokoshima, Minoru
PATENT ASSIGNEE(S): Nippon Kayaku Kk, Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 9 pp.
CODEN: JKXXAF
DOCUMENT TYPE: **Patent**
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 09012615	A	19970114	JP 1995-185087	19950629 <--
PRIORITY APPLN. INFO.:			JP 1995-185087	19950629 <--

OTHER SOURCE(S): MARPAT 126:186932
ED Entered STN: 28 Mar 1997
AB The compns., suited for optical molding, contain ethylenically unsatd. compds., cationically-polymerizable compds., and sulfonium photopolymn. initiators containing thioxanthone structure. Cured products of above compns. are also claimed. Thus, 38.4 parts 2,4-di-Et thioxanthone was reacted with 23.8 parts 4,4'-difluorodiphenyl sulfoxide at 25° and further reacted with 619.9 parts NaSbF6 aqueous solution (solid content 37.1 parts) to give a precipitate, 3 parts of which was blended with dipentaerythritol hexaacrylate 15, 3,4-epoxycyclohexylmethyl-3,4-epoxycyclohexane carboxylate 55, and bisphenol A divinyl ether 30 parts to give a composition Then, the composition was injected in a mold and photopolymd. to give a cone-shape cured product showing excellent mech. strength and dimensional precision.
IT **181144-51-4P**
RL: CAT (Catalyst use); IMF (Industrial manufacture); TEM (Technical or engineered material use); **PREP (Preparation)**; USES (Uses)
(sulfonium photopolymn. initiators containing thioxanthone structure for optical molding compns.)
RN 181144-51-4 HCAPLUS
CN Sulfonium, [7-(1-methylethyl)-9-oxo-9H-thioxanthen-2-yl]diphenyl-, hexafluorophosphate(1-) (9CI) (CA INDEX NAME)

CM 1

CRN 181144-50-3
CMF C28 H23 O S2



CM 2

CRN 16919-18-9
CMF F6 P

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